
**CONSTRUCTION MANAGER'S
WEEKLY STATUS REPORT
FOR THE WEEK
11/20/08 – 12/3/08**

**RECONSTRUCTION OF BENNING ROAD, NE
FROM 14TH AND H STREET TO OKLAHOMA AVENUE
CONTRACT NO. POKA 2005 - C - 0031 – CB**



Benning Road at 23rd Street looking west. Installation of the 19mm asphalt. Installed aggregate sidewalk, coping, granite curbs and brick gutter.



Benning Rd Reconstruction
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EXECUTIVE SUMMARY

Project Description

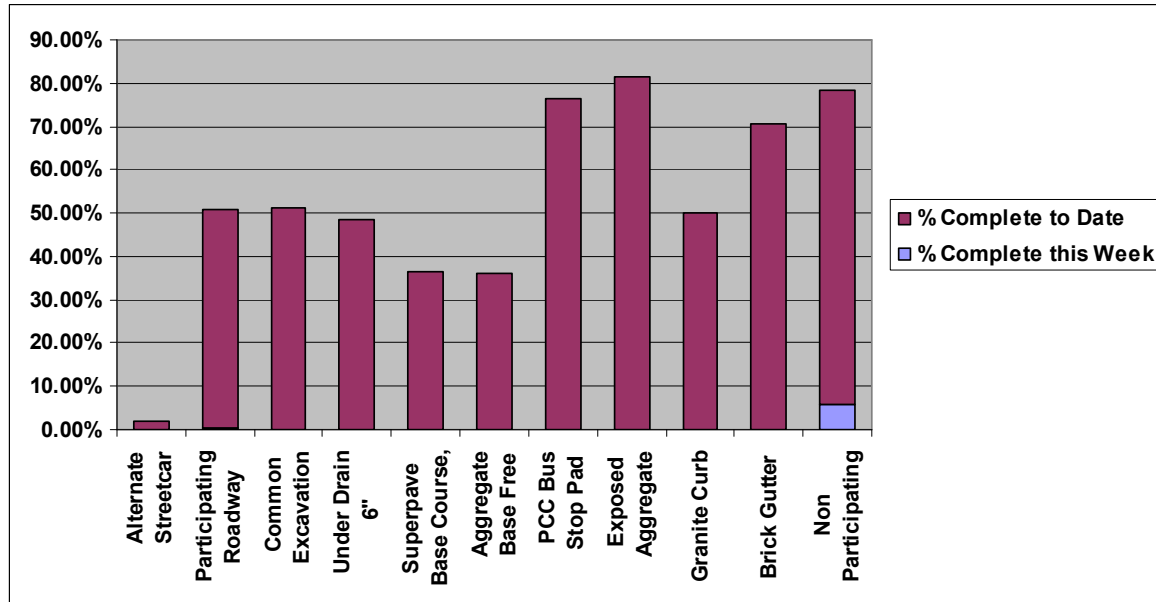
The project involves the phased reconstruction of the eastbound and westbound Benning Road, NE from 14th and H Street to Oklahoma Ave. The project also includes portions of Maryland Avenue and Bladensburg Road. Work on the project includes the following:

- Pavement Restoration with the placement of brick gutter and granite curbs adjacent to asphalt over aggregate sub base.
- Sidewalk restoration featuring exposed aggregate sidewalks surface treatment
- Safety Improvements—crosswalks, wheel chair ramps, and driveway entrances
- Streetlight and Traffic Signal Upgrades—Pedestrian level lighting, improved streetlights, upgraded traffic signal and timing
- Drainage Upgrades—New inlet basins, sewer line upgrades
- DCWASA-upgrades to water main lines
- Landscaping upgrades featuring the construction of the Starburst Plaza which will include a historical mural and multiple outdoor attractions for the neighborhood.
- Streetcar tracks: DDOT plans to install tracks from the intersection of Oklahoma Avenue and Benning Road to 3rd Street along H Street. Tracks will be installed on the eastbound and westbound lanes.
- Coordination with multiple utility companies performing construction activities within the project limits.

The total value of the contract at award to Capitol Paving of DC, Inc. is \$35,448,123.90. The notice to proceed date was December 12, 2007 with project duration of 730 calendar days for scheduled completion date of December 11, 2009.

Progress

Percent complete for Alternate Streetcar Work, Participating Roadway and WASA work are shown in the graph below. Participating Roadway is further broken down in the following key activities: Common Excavation, Under Drain 6", 19 mm Asphalt Placement, 25 mm Free Drain Placement. Bus Stop Pads, Exposed Aggregate Sidewalk, Granite Curb and Gutter.



Issues and Resolutions:

- Clarification received on 12-1-08 the placement heights of the 15 Light Arms on wood poles. Light placement heights are proposed to be set 10' from existing primary electric line.
- Clarification received 12-4-08 on the location placement of the underground utility equipment vault for the Starburst fountain in relation to the fountain piping. Resolution still pending on the wall penetration locations on the utility vault.

- Work on the Starburst Area PEPCO distribution line construction, between 14th Street and 16th Street, is to start 12-8-08. The original project duration was from February 2009 to November 2009. Percent complete for this work is 0%.
- The project timeline has been condensed due to that the delayed start of work will continue to impact the production of the Capitol Paving work for the project. The new project duration is proposed to be from mid November 2008 to May 2009.
- Capitol began the removal and replacement of the north bound curblane on 11/6/08. Completion and progress of this work is dependent upon the progress and completion of the PEPCO Feederline Replacement work.
- Progress by PEPCO on the on the Feederline Replacement work has slowed between 18th Street and 19th Street due to issues in tunneling under existing utilities. A definite completion date is uncertain at this time but is expected by 12/31/08.
- The PEPCO work on the Feederline Replacement and the delayed start of the PEPCO Starburst area work continues to delay progress of Roadway work.
- Production from Capital Paving has been reduced by 66% on a weekly basis due to the ongoing PEPCO work.
- The project timeline for the Starburst PEPCO distribution line has been condensed due to that the delayed start of work will continue to impact the production of the Capitol Paving work for the project. The new project duration is proposed to be from mid November 2008 to May 2009.
- The permanent MOT has been reinstalled for Capital Paving and Washington Gas to continue work on the south side. The completion of the gas main work is required in order for Capitol Paving work to be completed.
- Gasline and service installation on the 1800 Block is slow due to the inaccessibility of the residents in the area. Interior access is required for the completion of the work.
- The 2nd Washington Gas crew has commenced work on 10/11/08.



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WORK PERFORMED

For the week ending December 3, 2008, the following specific construction progress has been made in the areas listed:

1. **Thursday 11/20:**

Benning Road:

Demolition and excavation of the roadway in the center lane at Oklahoma Ave heading east. Assembling of the 6" Ductile Iron Pipe and the installation of the 6" valve at the south west corner of 19th Street. Excavation for and the installation of the 12" ductile iron pipe at the 1600 block. Backfill of the newly installed 12" ductile iron pipe.

Bladensburg Rd./Morse Street (West):

Inspection for leakage in the newly installed portions of Watermain "D" and "I".

Starburst Plaza:

Installation of the 24" Ductile Iron Pipe, Backfill of the pipe and testpitting at the existing watermain.

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Work the installation work for manhole #3.

Washington Gas:

Continuation of the excavation work for the installation of the gas line. Additional installation of the 2" gasmain.

Capitol Paving Removal/ Replacement of N/B Curblane:

Preparation of the grading work. Continuation of the compaction and grading work at 26th Street. Excavation work and the placement of the graded aggregate base on the north side curb lane from 26th Street to 21st Street.

Friday 11/21:

Benning Road:

Installation of the 12" ductile Iron Pipe on the south side between 16th Street and 17th Street. Continuation of the line striping at 21st Street. Installation of electrical conduit (4-4") at manhole #43 at Oklahoma Ave. Electrical contractor repaired traffic signal in the median at 21st Street.



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Starburst Plaza:

Installation of additional portions of the ductile iron pipe of the Watermain.

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Continuation of the work on Manhole #7 and manhole #3.

Washington Gas:

Continuation of the excavation work for the installation of the gas line.

Capitol Paving Removal/ Replacement of N/B Curblane:

Preparation of the grading work. Continuation of the compaction at 26th Street. Placement of the graded aggregate base and the compaction work on the north side curb lane from 26th Street to 21st Street.

2. Saturday 11/22:

Benning Road:

Installation of the 2" valve, valve casing, removal of the formwork and the backfill at 24" Ductile Iron Pipe at Morse Street.

Morse Street toward Maryland Ave:

Test pitting work to locate the 24" Ductile Iron Pipe.

Bladensburg Road:

Backfill work of the 24" ductile iron pipe and removal of the formwork.

Maryland Ave at Benning Road:

Installation of the 24" ductile iron pipe and the backfilling work of the newly installed pipe.

3. Sunday 11/23:

No work completed.

4. Monday 11/24:

Benning Road:

Installation of a fire hydrant, 6" ductile iron pipe and valve casing at the 19th Street intersection. Installation of a fire hydrant, 6" ductile iron pipe and excavation work to subgrade between 16th Street and 17th Street. Repair to the pedestrian countdown at 16th Street. Excavation of the roadway at the 1600 Block.



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Bladensburg Rd East Side:

Excavation work and the installation of the 8" ductile iron pipe with sleeve and valve.

Starburst Plaza East Side:

Excavation work and the removal of the existing watermain for the installation of Watermain "D".

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Continuation of the work manhole #3.

Washington Gas:

Continuation of the excavation work for the installation of the gas line. Work on the excavation of the trenching, hand digging around utilities.

Capitol Paving Removal/ Replacement of N/B Curblane:

Work by Senate Asphalt at 26th Street; placement of the first lift of the 25mm free drain base course. Continuation of the compaction and grading work at the north east corner of 26th Street.

5. Tuesday 11/25:

Benning Road:

Installation of the valve casing on the south side of 19th Street. Excavation for the installation of the Fire Hydrant and the installation of the 6" ductile iron pipe on the south side intersection of 18th Street. Excavation of the roadway at the intersection of Oklahoma Ave. Damage to the newly placed 4" conduit by the contractor at the south west corner of 16th street. Installation of the 6" ductile iron pipe and valve on the south side at the intersection of 16th Street. Demolition of the roadway at the 1500 Block. Installation of the valve casing and pressure testing of Watermain "A" at station 103+29.

Bladensburg Rd East Side:

Installation of the 8" ductile iron pipe.

Starburst Plaza East Side:

Backfill of the 24" DIP Trench and the placement of the temporary Asphalt.

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Continuation of the work on manhole #3.



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Washington Gas:

Continuation of the excavation work for the installation of the gas line and service connection work.

Capitol Paving Removal/ Replacement of N/B Curblane:

Senate Asphalt work to complete the 2nd lift of 25mm from 26th Street to 21st Street. Senate Asphalt work to complete the placement of the 2nd lift of 25mm Free Drain Base Asphalt.

Wednesday 11/26:

Benning Road:

Preparation for the pressure testing for both the 6" and 12" ductile Iron Pipe at the 18th Street Intersection. Placement of the Geofabric and the graded Aggregate base in the center lane at the Oklahoma Ave intersection. Installation of 3-#16 cast iron poles for LB#7, LB#9 and LB#22 on the north side between 15th Street and 16th Street. Installation of 1-20" tall steel traffic signal pole at the north east corner of 16th Street. Excavation for and the installation of the 6" Ductile Iron Pipe at the 16th Street intersection. Flushing of the pipe, pressure testing and the preparation work for the tie-in/ shutdown for Watermain "A".

Bladensburg Road Northbound:

Formwork and the placement of the concrete for the cast in place thrust Block.

Starburst Plaza:

Excavation for the installation of the 24" Ductile Iron Pipe. Placement of the temporary asphalt.

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Continuation of the work on manhole #3.

Washington Gas:

Continuation of the excavation work for the installation of the gas line and service connection work.

6. Thursday 11/27:

Thanksgiving Day Holiday. No work completed.

7. Friday 11/28:

No work completed.



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8. Saturday 11/29:

No work completed.

9. Sunday 11/20:

No work completed.

10. Monday 12/1:

Benning Road:

Compaction work of the graded aggregate base in the center lane at Oklahoma Ave. Excavation for the installation of the 6" ductile iron pipe and the fire hydrant and the abandonment of the concrete casing at the intersection of 16th Street. Checking of leakage on the newly installed Watermain "A" at the 1500 Block. Flushing of the watermain installed pipe and also the conducting of the pressure test at the 1600 Block. Excavation for the installation of the 6" ductile iron pipe. Continuation of the testing of the 12" ductile iron pipe between 17th Street and 18th Street.

Bladensburg Rd Between Morse Street:

Excavation for the installation of the 24" ductile iron pipe.

Starburst Plaza:

Excavation for the installation of the 24" ductile iron pipe for the Watermain "D".

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Completion of the work on manhole #3.

Washington Gas:

Continuation of the excavation work for the installation of the gas line. Work on the excavation of the trenching, hand digging around utilities. Completion of service connection work at 1803, 1805 and 1807 Benning Road.

Capitol Paving Removal/ Replacement of N/B Curblane:

Continuation of the compaction and grading work at 26th Street. Demolition and excavation work on the north side curb lane from 26th Street to 21st Street.



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11. Tuesday 12/3:

Benning Road:

Flushing of the newly installed ductile iron pipe for Watermain "A" at the 1500 and the 1600 blocks. Conducted and passed the pressure test for Watermain "A" at the 1500 and the 1600 Block. Preparing for water service connections for the new 12" ductile iron watermain between 19th and 20th Streets. Preparing for the shutoff at 18th Street and at 20th Street intersections. Furnished and installed the poles and luminaire tear drops for poles L105, L12, L9 and L5 between 17th Street and 16th Street. Removed existing poles; R69, R5 and R3 between 17th Street and 16th Street.

Bladensburg Road East Side:

Installation of the valve casings and the backfilling of the 8" ductile iron trench.

Starburst Plaza:

Excavation for the installation of the 24" ductile iron pipe for watermain "D".

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench.

Washington Gas:

Continuation of the excavation work for the installation of the gas line and service connection work.

12. Wednesday 12/3:

Benning Road:

Work on the water service connections for the new 12" ductile iron watermain between 19th and 20th Streets. Test pitting and the replacement of the lead service pipe for 1833 and 1835 Benning Road between 19th Street and 20th Street.

Starburst Plaza:

Continuation of the excavation work for the installation of the 24" ductile iron pipe for watermain "D".

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench.



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Washington Gas:

Continuation of the excavation work for the installation of the gas line and service connection work.

Capitol Paving Removal/ Replacement of N/B Curblane:

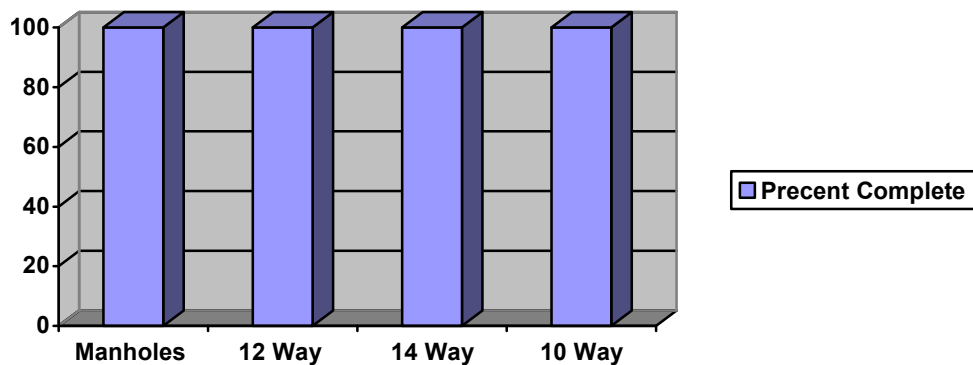
Continuation of the compaction and grading work at 21st Street.

Utilities Reconstruction Update 12-3-08

PEPCO:

Distribution Line Duct Bank Construction:

Manholes Completed:	20	Total Manholes: 20	%Complete: 100%
12 Way Length Complete:	7764'	Total Length: 7764'	%Complete: 100%
14 Way Length Complete:	1619'	Total Length: 1619'	%Complete: 100%
10 Way Length Complete:	34'	Total Length: 34'	%Complete: 100%



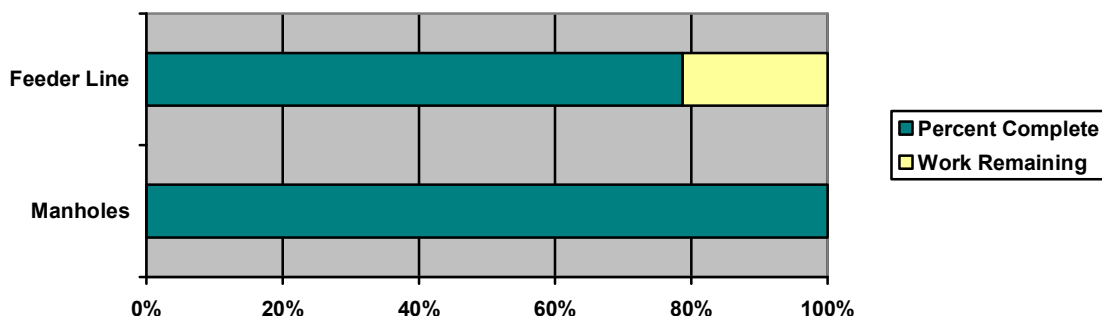
PEPCO Feeder Line Replacement:

4000' total feeder
6 Manholes total

3150 feet complete
6 completed

78.8% complete
100% complete

Work has started on 9/11/08. Initial saw cutting of the roadway was completed on 9/10/08. Expected duration is 180 days.



- 100 feet of feeder line was installed within this weekly report period
- One manhole was completed during this report period.

The delay in the start of this work has impacted the production of Capitol Paving work. Production from Capitol Paving has been reduced by 66% on a weekly basis.

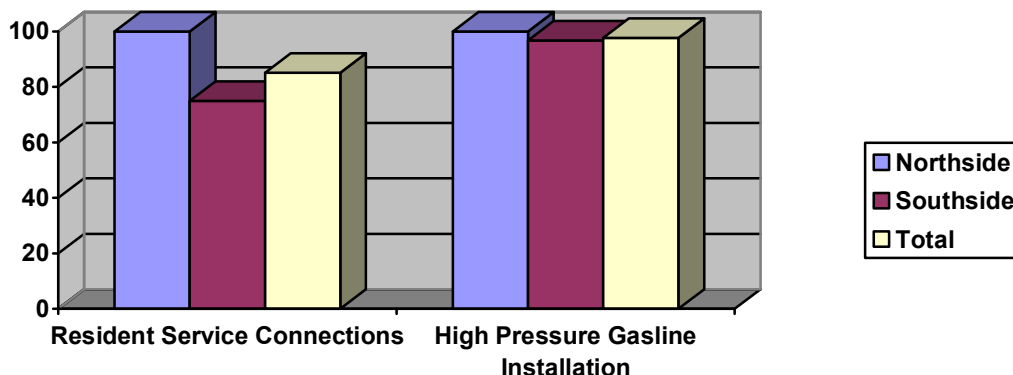
Washington Gas:

Washington Gas continued the work on the south side gas main installation and connections on 10-14-08. The schedule for the Resident Service Connections and High Pressure gas line installation is on track.

Project progress for the report period:

- Installation of approximately 120' of gas main was installed
- 3 service connections were made this week on the southside.

Washington Gas: Percent of Work Completed



Northside:

Completed Connections:	43	Total Connections	43	%Complete:	100%
Gas Main install complete:	1290'	Total Length	1290'	%Complete:	100%

Southside:

Completed Connections:	33	Total Connections	44	%Complete:	75.0%
Gas Main install complete:	3218'	Total Length	3325'	%Complete:	96.80%

Project Totals:

Completed Connections:	74	Total Connections	87	%Complete:	85.10%
Gas Main install complete:	4508'	Total Length	4615'	%Complete:	97.70%

Clear Channel:

Four bus stops requiring electrical connections have been completed.

An additional bus stop shelter was installed at 19th Street. Electrical connections for this shelter are pending. Bus stop pavement for the bus stop at the north east corner of 26th Street is pending repair due a difference in elevation between the bus stop and the newly installed exposed aggregate sidewalk.



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Attachment A:

**RECONSTRUCTION OF BENNING ROAD N.E.
TWO WEEK LOOK AHEAD SCHEDULE
STARTING 11-26-08 TO 12-10-08**

Bladensburg Rd. & Morse St

- **11-26-08 Continue to work on water main D (10 Days)
19th & Benning S/S**
- **11-26-08 Continue with Watermain A (10 days)
1500 & 1600 Blocks Benning Rd. S/S**
- **11-26-08 continue with watermain A (10 days)**
- **11-26-08 Installation of Fire Hydrants between 1600 block and 2000 block**
- **12-1-08 shut-off at 20th St. for watermain A**

Oklahoma Ave. & Benning Rd.

- **11-26-08 Continue to make grade in preparation of asphalt**

Nationwide Electrical Work

- **11-26-08 Installation of poles between 15th & 16th St. (3 days)**
- **12-4-08 Splicing cable at various locations**

Work for PEPCO on N/S

- **11-26-08 Laying Drainage Course**
- **11-26-08 Pour finished concrete at Metro overpass (3 days)**
- **12-1-08 Laying 19.0mm asphalt**



Installation of asphalt in center lane at Oklahoma Ave.



Preparation of the grading for the installation of asphalt in the PEPCO repair area at 23rd Street.



Installation of the 6" valve at the south west corner of 19th Street.



Installation of steel plates and temporary asphalt at Morse Street and Bladensburg Road.



Excavation work of the roadway in preparation of the subgrade at 16th Street.



Installation of the 12" ductile Iron Pipe on the south side between 16th Street and 17th Street.